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IMAGERY

ANALYSIS



STAFF

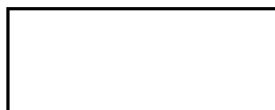
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PHOTOGRAPHIC INTELLIGENCE REPORT

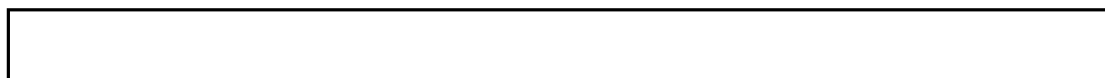
VITAL RECORDS COPY

LENINGRAD AIRFRAME PLANT 458/272

LENINGRAD, USSR

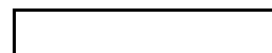


DECLASS REVIEW by NIMA/DOD



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DATE APRIL 1967

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# LENINGRAD AIRFRAME PLANT 458/272

LENINGRAD, USSR, [REDACTED]

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Leningrad Airframe Plant 458/272 [REDACTED]

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[REDACTED] is comprised of 2 plant areas.

Plant 458 is located at 59-59-33N 030-17-33E in the northern outskirts of Leningrad, USSR.

The plant is adjacent to Leningrad/Kolomyagi Airfield [REDACTED] Plant 272 is located 1 nautical mile southeast of Plant 458 at 59-59-01 030-18-57E (Figure 1). Plant 458 is both road and rail served while Plant 272 is road served only.

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The plant areas are shown on photography of [REDACTED] (Figures 2-5). All item numbers refer to the respective plant layout drawings and associated tables.

Plant 458 (Figure 6). Plant 458 is surrounded by 9,000 feet of probable masonry wall. There are 4,400 feet of rail spurs and 9,000 linear feet of hard-surfaced road with an average width of 25 feet within the plant. The preceding figures are approximate.

Construction activity at this plant during the [REDACTED] period included the machine shop (item 10) and some small storage/support buildings. The rate of construction between [REDACTED] was increased considerably. Approximately 601,400 square feet of floorspace were added to the plant between [REDACTED]

The construction included an administration/engineering building (item 2), the workshop/sub-assembly building (item 9), the assembly building (item 18), a subassembly building/machine shop (item 19), and the storage/support buildings (item 20). All of these buildings with the exception of the assembly building (item 18) were under construction in [REDACTED] and appeared to be complete [REDACTED] An addition to a workshop (item 7) was also constructed during the [REDACTED] period.

The assembly building (item 18) was probably started during the spring of [REDACTED] The as-

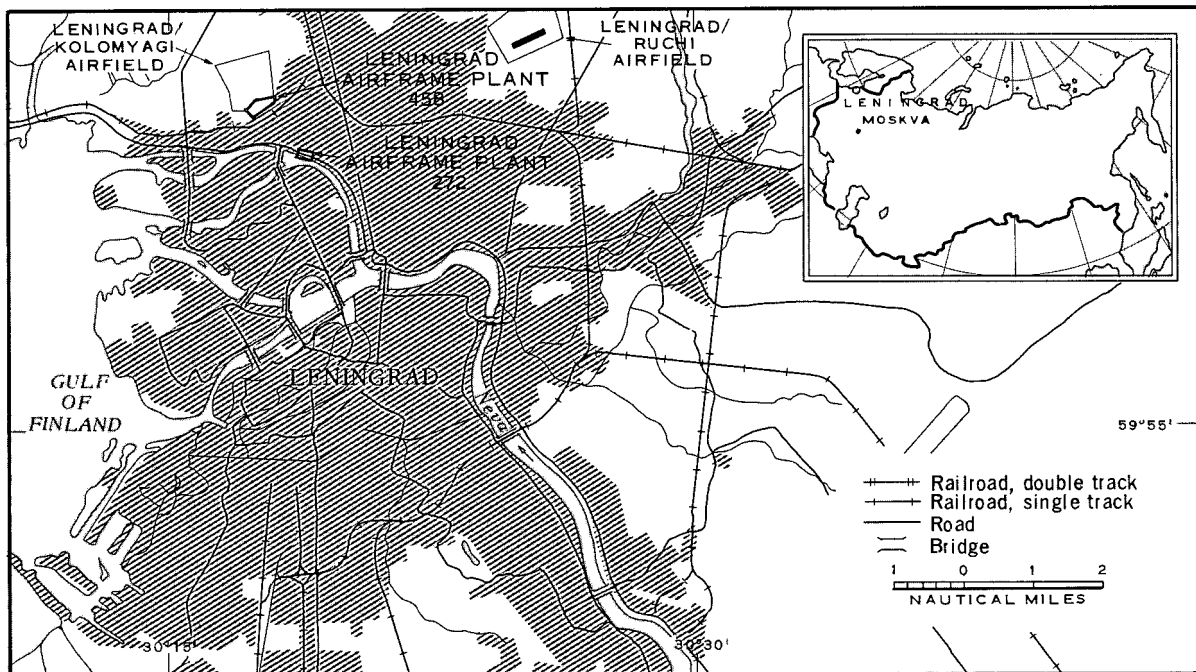


FIGURE 1. LOCATION MAP.

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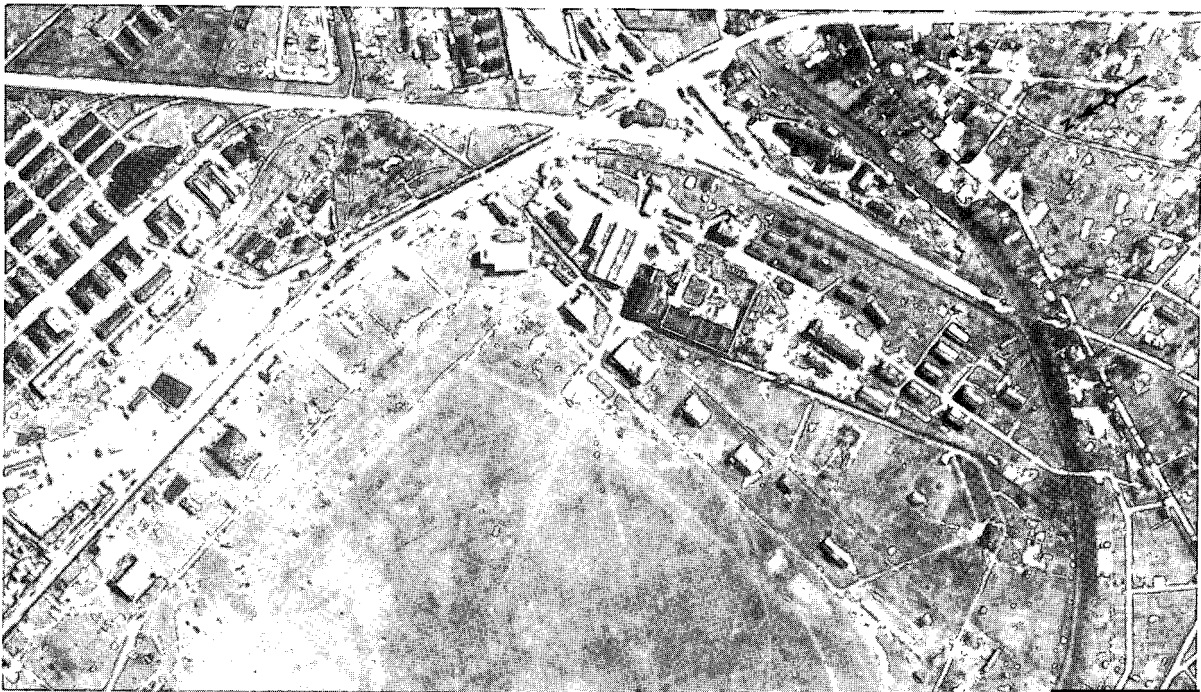


FIGURE 2. LENINGRAD AIRFRAME PLANT 458, LENINGRAD, USSR,

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FIGURE 3. LENINGRAD AIRFRAME PLANT 272

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FIGURE 4. LENINGRAD AIRFRAME PLANT 458/272,

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FIGURE 5. LENINGRAD AIRFRAME PLANT 458/272,

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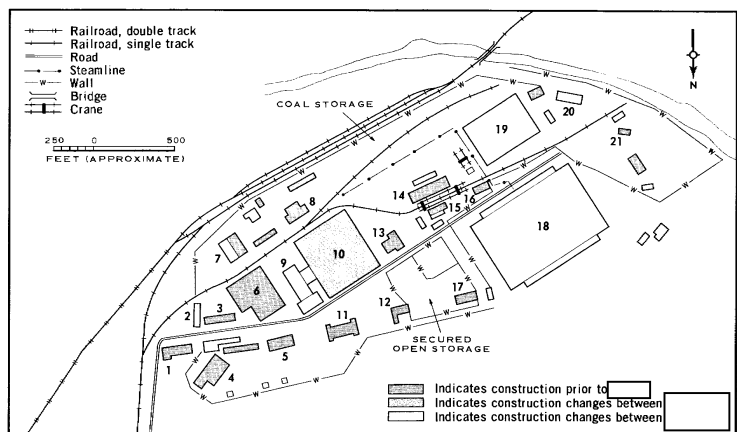


FIGURE 6. LAYOUT OF LENINGRAD AIRFRAME PLANT 458.

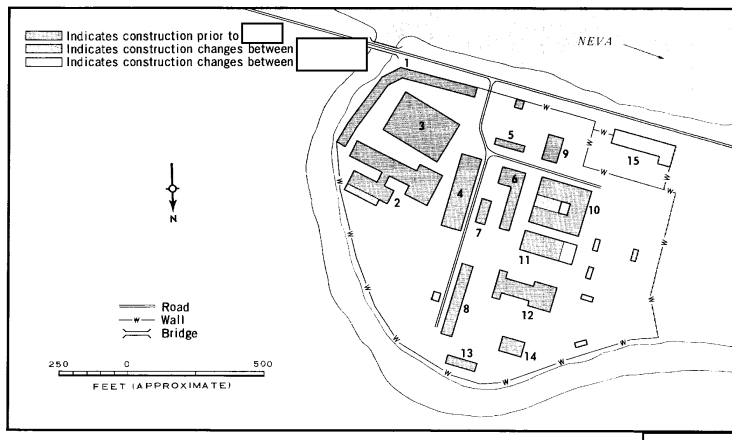


FIGURE 7. LAYOUT OF LENINGRAD AIRFRAME PLANT 272.

Table 1. Description, Dimensions, Floorspace, and Cubic Feet of Numbered Structures at Leningrad Airframe Plant 458 (see Figure 6)

Item	Description	Dimensions (ft) (see note)			Floorspace (sq ft)	Cubic Feet
		L	W	H		
1	Admin/engineering bldg (2 story)	Irregular	x			
2	Admin/engineering bldg (2 story)	160 x	45 x			
3	Admin/engineering bldg (2 story)	195 x	45 x			
4	Hanger/workshop	Irregular	x	35*		
5	Hanger/workshop	170 x	75 x	40*		
6	Workshop with prob foundry	Irregular	x	40		
7	Workshop	Irregular	x	35*		
8	Boilerhouse	Irregular	x	40*		
9	Workshop/subassembly	Irregular	x	45*		
10	Machine shop			30		
11	Hanger/workshop	190 x	95 x	30*		
12	Hanger/workshop	105 x	60 x	20*		
13	Workshop	Irregular	x	15*		
14	Transshipment bldg/workshop	255 x	60 x	50*		
15	Storage/support bldg	Irregular	x			
16	Warehouse	100 x	55 x	20*		
17	Hanger/workshop	120 x	45 x	25*		
18	Assembly bldg	Irregular	x	35*, 55		
19	Subassembly bldg/machine shop			40, 50		
20	Storage/support bldgs (3)	Various	x	20*		
21	Storage/support bldgs (4)	Various	x			
Total floorspace and cubic feet of numbered structures						
Total floorspace and cubic feet of other structures						
Total floorspace and cubic feet of plant						

NOTE--With the exception of those dimensions marked with an asterisk (\*), all measurements were calculated by NPIC/TID and are accurate to within [redacted] and  $\pm 20\%$  vertically.

Measurements were derived from [redacted]

Measurement calculated by CIA/IAS project analyst.

Table 2. Description, Dimensions, Floorspace, and Cubic Feet of Numbered Structures at Leningrad Airframe Plant 272 (see Figure 7)

Item	Description	Dimensions (ft) (see note)			Floorspace (sq ft)	Cubic Feet
		L	W	H		
1	Admin/engineering bldg (2 story)	Irregular	x	25*		
2	Workshop	Irregular	x	25*		
3	Machine shop/subassembly bldg			25		
4	Subassembly bldg			40		
5	Storage/support bldg	130 x	25 x	20		
6	Workshop/forge	Irregular	x	30 x 45*		
7	Boilerhouse	90 x		30*		
8	Workshop	265 x	45 x	15*		
9	Workshop			60 x 30*		
10	Workshop	Irregular	x	20*		
11	Workshop	200 x		55		
12	Workshop	Irregular	x	50*		
13	Warehouse	125 x	35 x	15*		
14	Workshop	85 x	60 x			
15	Admin/engineering bldg (4 story)	Irregular	x	50		
Total floorspace and cubic feet of numbered structures						
Total floorspace and cubic feet of other structures						
Total floorspace and cubic feet of plant						

NOTE--With the exception of those dimensions marked with asterisk (\*), all measurements were calculated by NPIC/TID and are accurate to within [redacted] and  $\pm 20\%$  vertically. Measurements were derived from [redacted]

\*Measurement calculated by CIA/IAS project analyst.

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sembly building is presently walled off from the plant area. This building will probably be incorporated into the plant when it is completed and the wall will be removed. What appear to be steamlines are still being constructed between this building and the boilerhouse (item 8) and will probably be buried when completed. The roof pattern of this assembly building appears to be of an unusual design; it consists of 24 squares measuring approximately 120 by 120 feet. The squares are convex and resemble a quilt pattern.

The secured open storage area, adjacent to the hangar/workshops (items 12 and 17), contains approximately 45 cylindrical objects. The median dimensions of the objects are about

and they appear to be tapered at one end. Plant 272 (Figure 7). Plant 272 is surrounded by of probable masonry wall. The pattern of the road system is difficult to determine due to the density of the buildings in the plant area. However, about 2,500 linear feet of hard-surfaced roads with an average width of were observed. The preceding figures are approximate.

There has been little expansion at Plant

272 since it was first observed on photography. The major buildings were constructed prior to this photography. Changes that have occurred between include some small storage/support buildings and small additions to the workshops (items 2 and 10). Since an administration/engineering building (item 15) has been constructed. Some buildings were removed apparently either to make room for some additions, or because they were no longer needed.

The machine shop/subassembly building (item 3) was observed on the photography. Modifications to the roof appeared to be nearing completion in (Figure 4). Apparently the roof was being reconstructed to incorporate monitors.

The probable shipping platform on the Neva, which was observed in was later removed. The absence of this platform limits the plant to road transport only.

Leningrad/Kolomyagi Airfield is adjacent to Plant 458 and consists of a sod landing area measuring approximately 4,000 by 4,000 feet. One BEAGLE was observed at the airfield on

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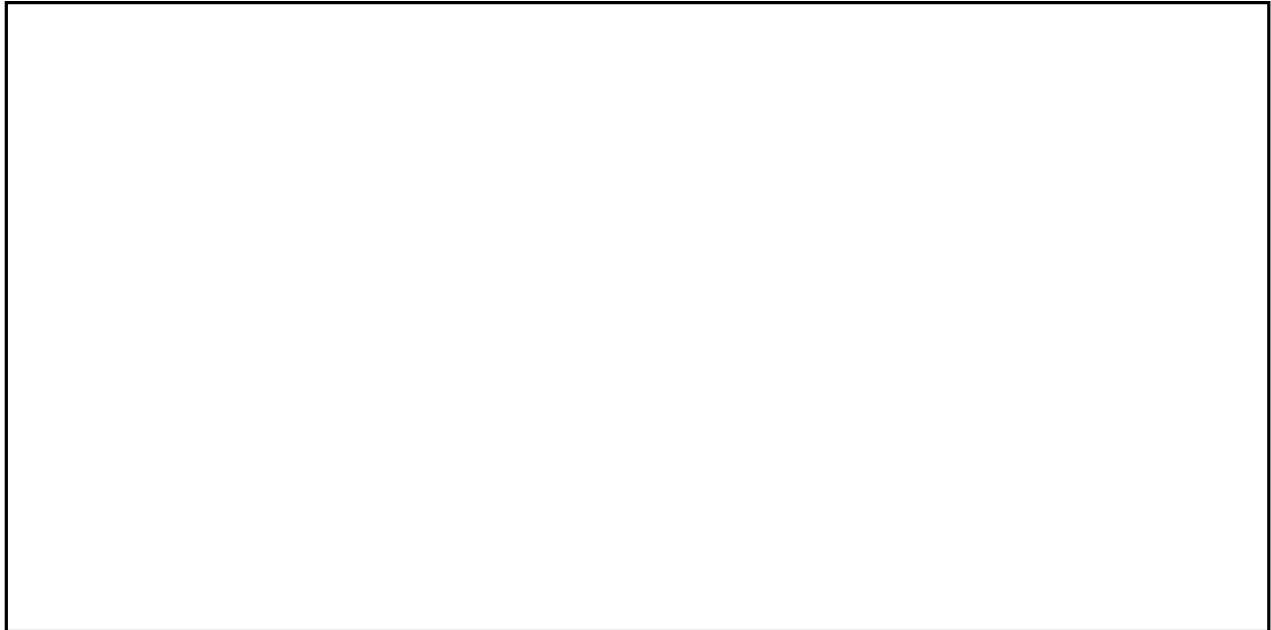
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REFERENCES



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MAPS OR CHARTS

ACIC series, scale 1:200,000

REQUIREMENT

CIA. C-RR6-83,650

PROJECT

31260/66 (partial answer)

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